**Kindergarten Math Vocabulary**

(Based on the New Common Core State Standards)

Revised Aug 2011

**\*above** A preposition that indicates location of an object.

**\*add** To combine, put together two or more quantities.

**addend** Any number being added.

**array** A set of objects in equal rows and equal columns.

**\*attribute** A characteristic of an object, such as color, shape, size, etc.

**\*behind** A preposition that indicates location of an object.

**\*below** A preposition that indicates location of an object.

**\*beside** A preposition that indicates location of an object.

**\*between** A preposition that indicates location of an object.

**\*by** A preposition that indicates location of an object.

**category** A collection of things sharing a common attribute.

**\*circle** A figure with no sides and no vertices.

**classify** To sort into categories or to arrange into groups by attribute.

**\*compare** To decide if one number is greater than, less than, or equal to another number.

**compose** To put together basic elements.

**\*cone** A geometric solid with a circular base and curved surface.

**\*count** To name units of a group one by one in order to determine the total number.

Counting tells how many things are in a set.

**\*cube** A solid figure with six square faces.

**\*cylinder** A geometric solid with two circular bases and a curved surface.

**decompose** To separate into basic elements.

**\*difference** The result when one number is subtracted from another.

**\*different** Compare two or more objects or figures to find what is not the same. (e.g. different in size.)

**\*digit** Any of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9.

**\*down** A preposition that indicates direction of an object.

**\*equal to**  Having the same amount. (e.g. 4 equals 3 + 1 means that 4 is the same amount as 3 + 1.)

**equation** A number sentence with an equal sign.

The amount on one side of the equal sign has the same value as the amount on the other side.

**expression** A mathematical phrase without an equal sign.

**\*face** A surface on a solid figure.

**\*greater than** Greater than is used to compare two numbers when the first number is larger than the second. (no symbols)

**\*heavier** Having a weight that is greater than that of another object.

**height** How tall something is.

**\*hexagon** A figure with six straight sides.

**\*in front of** A prepositional phrase that indicates location of an object.

**length** How long something is.

**\*less than** Less than is used to compare two numbers when the first number is smaller than the second number. (no symbols)

**\*lighter** Having a weight that is less than that of another object.

**line** A line is straight. It has no beginning and no end.

**longer** A word used when comparing the length of two objects.

**\*next to** A prepositional phrase that indicates location of an object.

**\*number** A number indicates how many or how much.

**numeral** A symbol used to represent a number. (e.g. six; 6; VI are numerals that represent the same number.)

**ones** A single unit or object.

**pair** Match two similar items that go together.

**place value** The value a digit has because of its place in a number.

**\*quantity** How much there is or how many there are of something.

**\*rectangle** A plane figure (two dimensional) with 4 sides and 4 square corners.

**sequence** Counting forward from a given number.

**shorter** A word used when comparing the length of two objects.

**\*side** A line or surface forming a border or face of an object.

**similar** Compare two or more objects or figures to find what is the same. (e.g. same shape.)

**\*sort** To group or organize according to shared attributes.

**\*sphere** A geometric solid with a curved surface.

**\*square** A figure with 4 sides that are the same length and 4 square corners.

**\*subtract** Take away, remove, or compare.

**\*sum** The answer to an addition problem.

**taller** A word used when comparing the height of two objects.

**tens** Something with ten parts or ten units.

**3-dimensional** Solid shapes; like any object in the real world.

**\*triangle** A figure with 3 straight sides.

**2-dimensional** Lying in a plane; flat

**vertex** A corner of a figure. Vertices are two or more corners of a figure.

**weight** A measure of how heavy something is.